

# Opportunity for High School Science Teachers to Implement Science+C

*Receive free Science+C units and year-long professional development while participating in research funded by the National Science Foundation*



Science+C enhances your existing Biology, Chemistry, and Physics core courses with units on computational modeling. Introduce all your students to computing—and its importance in science! Teach them valuable skills in problem solving by using, decoding, and modifying computer models. Engage them with activities that build and reinforce their science learning at each step. Participate in a research project to measure the impact of the Science+C curriculum on student learning.

**Clicking the Apply Now! button to submit your application.**

## Science+C offer multiple benefits:

- 1 Science+C units embed computing skill development within the core science courses: **Biology, Chemistry, and Physics.**
- 2 The units within each course include lessons on **key science topics** while building **foundational computer modeling skills**. Students learn to create, innovate, and solve problems by using, decoding, and modifying computer models.
- 3 The computer modeling tool we use, NetLogo Web, was specifically designed for online use. Student materials will be provided online and are fully customizable to fit **remote and hybrid learning environments**.
- 4 **No previous computational modeling experience is required!** The project includes professional development by experienced Science+C teachers and co-designers to prepare teachers to use best practices in integrating models and modeling into STEM classrooms.

For more information, visit our website at <https://scienceplusc.org>.



**Participating schools will receive the units and professional development for free.**



**Teacher participants will receive a stipend.**

Teachers will participate in one of two cohorts. One cohort will receive PD and use Science+C units during the 2022-23 school year, the second cohort will have PD and materials available for the 2023-24 school year. While not every school will receive the Science+C curriculum in the first year of the study, teachers in the second cohort will be helping to study the impact on students who do go through these enhanced science courses.

Massachusetts Department of Elementary and Secondary Education and Education Development Center (EDC) have partnered to bring this opportunity to high schools around the country, with support from the National Science Foundation. Science+C is based on the Science+C is based on the Next Generation Science Standards (NGSS).

### **SPACE IS LIMITED!**

Teachers, apply now by clicking the green Apply Now! button or scanning the QR code below. We will follow up to provide you with more information.

<https://go.edc.org/SciencePlusC-TeacherConsent2022>

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